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Two New Advanced Strawberry Breeding Selections for Florida

AgriTech

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Vance M. Whitaker, Cheryl Dalid, Luis Osorio, Natalia Peres, Josh Sleper, Seonghee Lee, Anne Plotto

Outline

- FL 22.52R-47
- FL 22.29DN-92 (white-fruited)
- Ohalo Project Updates
- Breeding Progress Updates

FL 22.52R-47

- Vigorous transplant
- Med-large fruit size, excellent flavor
- High early December yields

FL 22.52R-47

- Excellent rain resistance and firmness
- Low susceptibility to Botrytis

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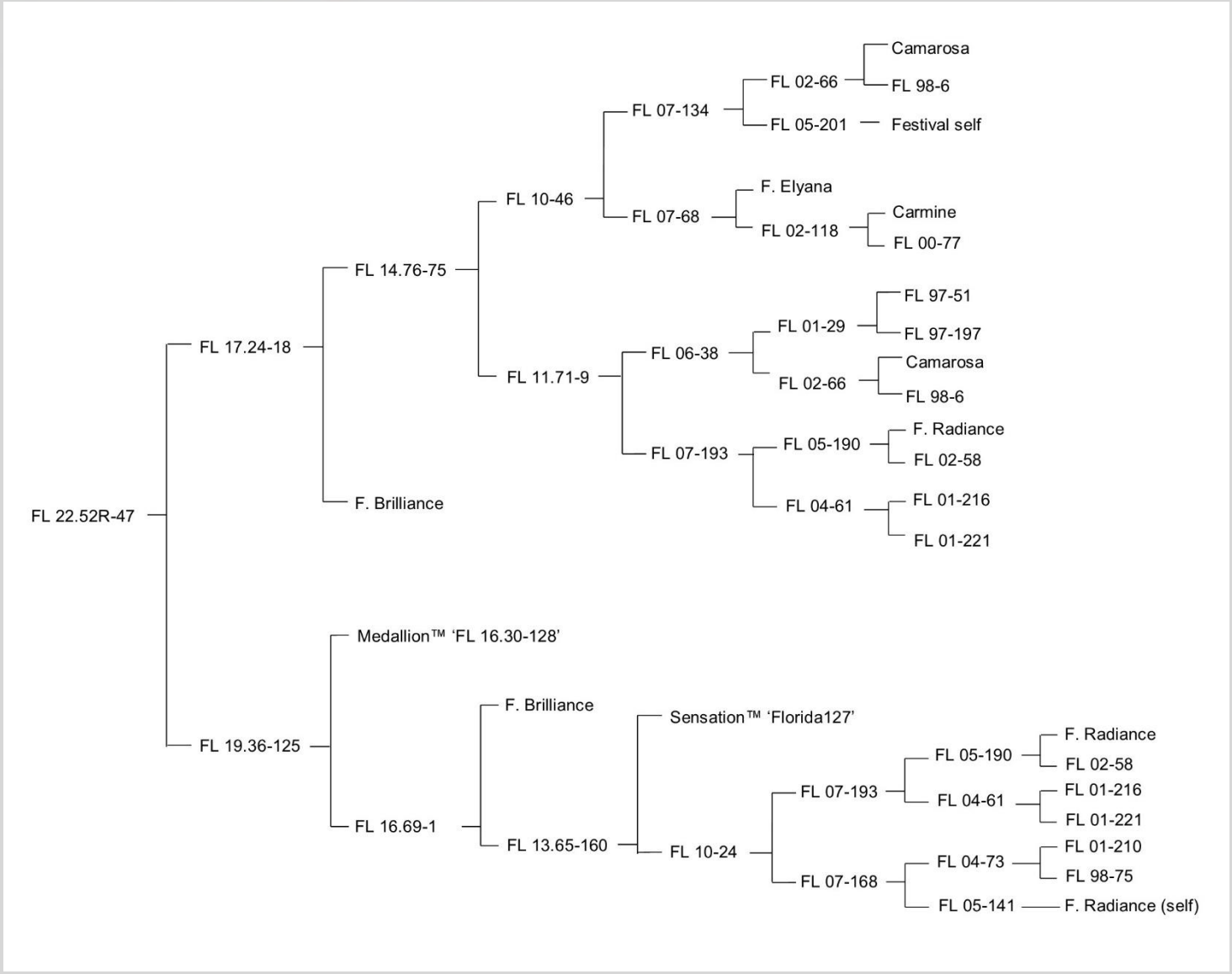
FL 22.52R-47



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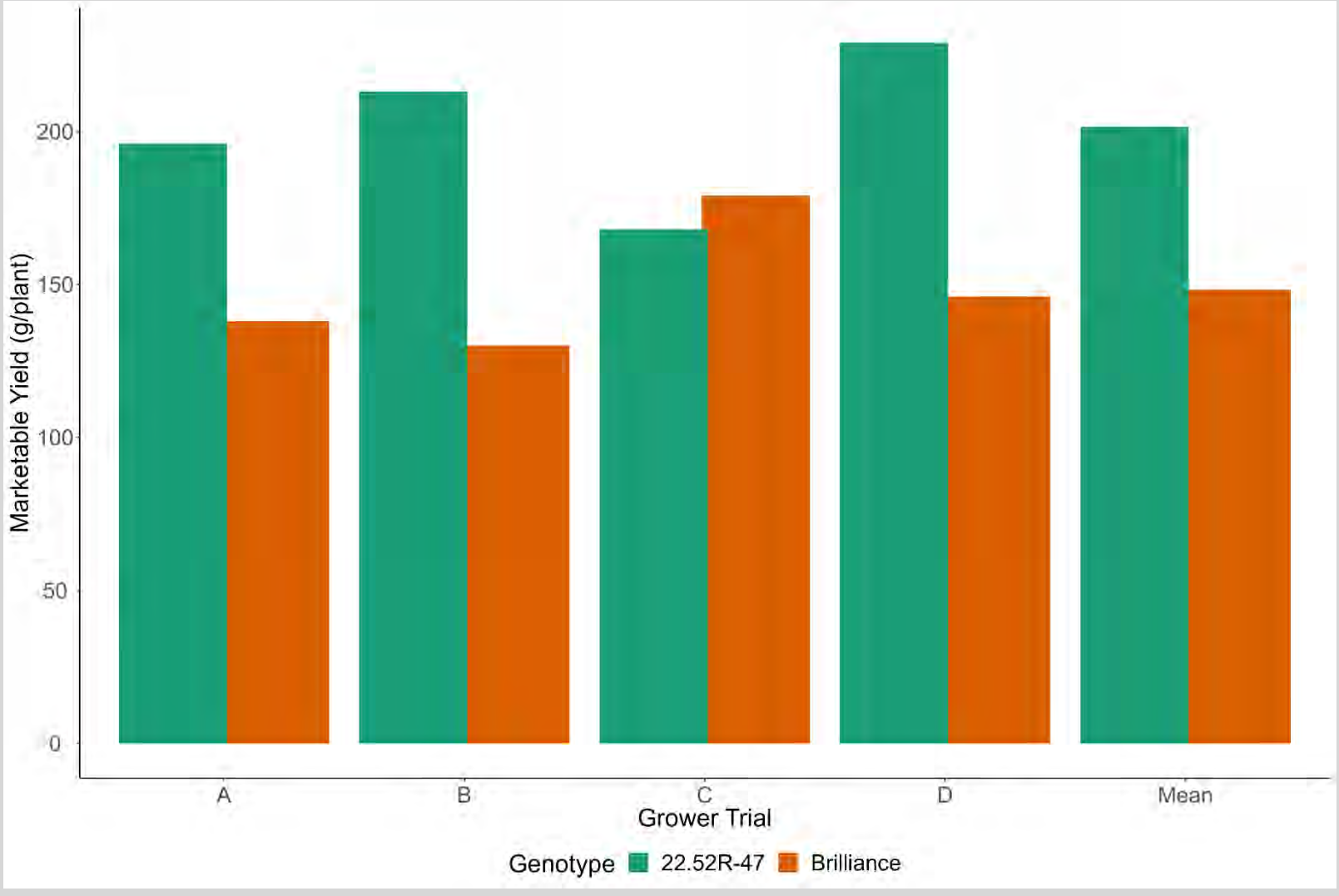
Grower Trials–Early Season



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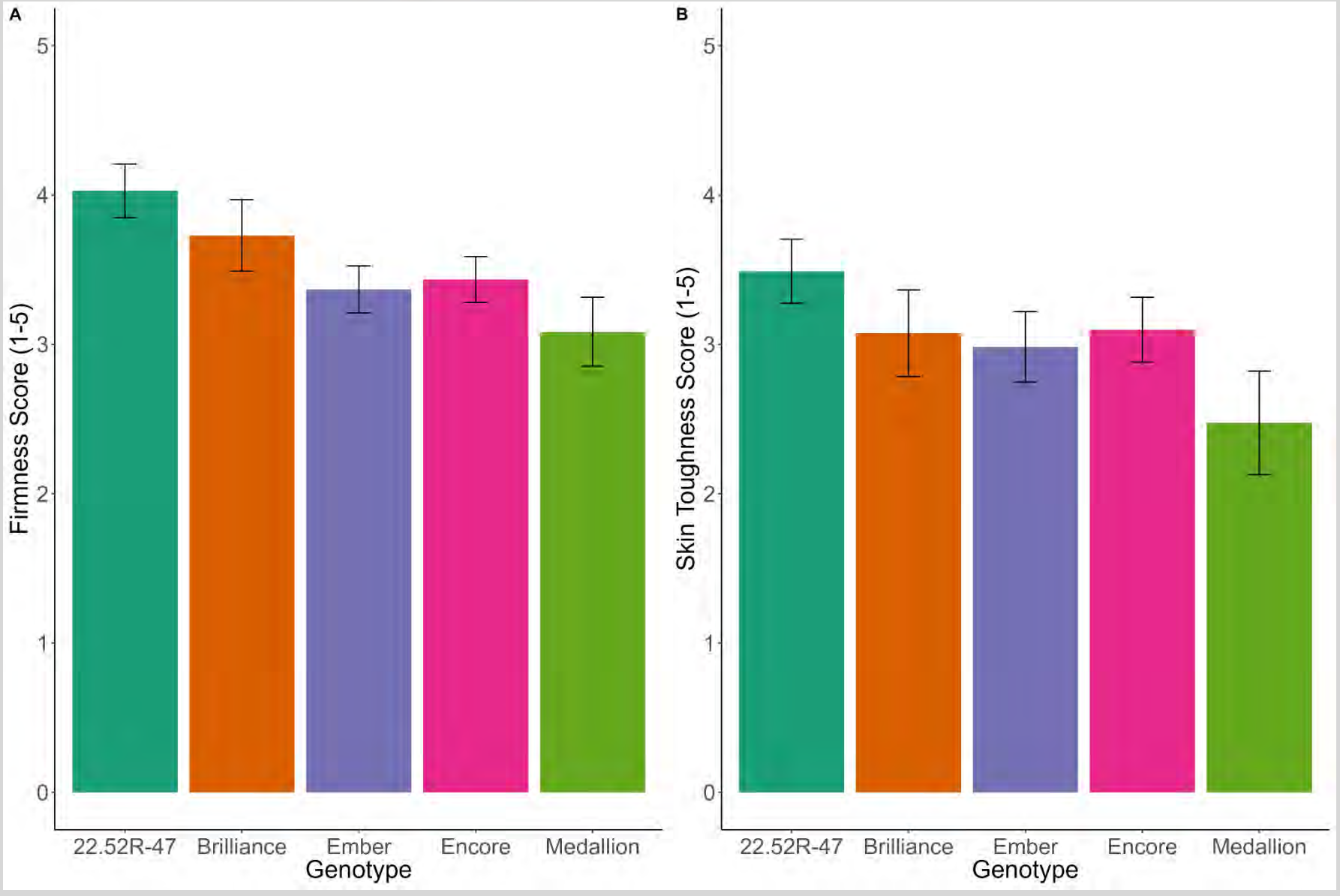
Firmness & Skin Toughness



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Disease Overview

Disease	Brilliance	Medallion	Ember	Encore	22.52R-47
Anthracnose fruit rot	MR	HS	MR	MS	HS
Botrytis fruit rot	S	S	MR	MS	MR
Charcoal rot	MR	HS	MR	S	S
Colletotrichum crown rot	MS	MR	MR	S	R
Neopestalotiopsis sp.	HS	S	MS	S	HS
Phytophthora crown rot	MS	MS	MS	MR	S
Powdery mildew	R	S	MS	R	R

Disease resistance overview for UF cultivars and advanced selections from Dr. Peres' field trials. (HR = highly resistant; R = resistant; MR = moderately resistant; MS = moderately susceptible; S = susceptible; HS = highly susceptible)

Next Steps

- Proposed for IFAS release this summer . . . if successful . . .
- 2026-27 expanded trials
- 2027-28 commercial

FL 22.29DN-92

- Excellent flavor! Honey and cotton candy aromas
- A day-neutral that flowers and yields steadily
- Consistent pink blush
- Shape not as consistent as Pearl® 66

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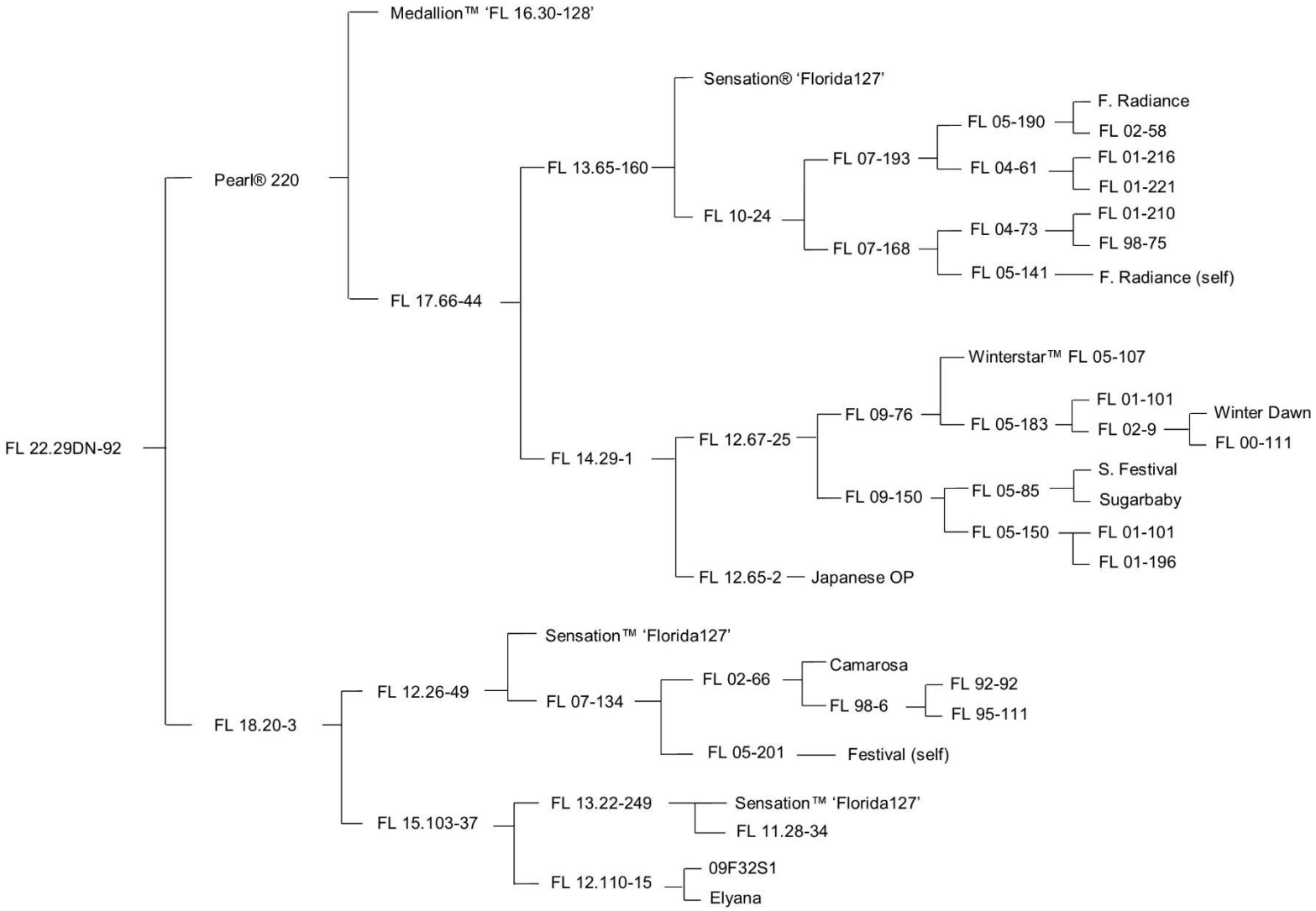
FL 22.29DN-92



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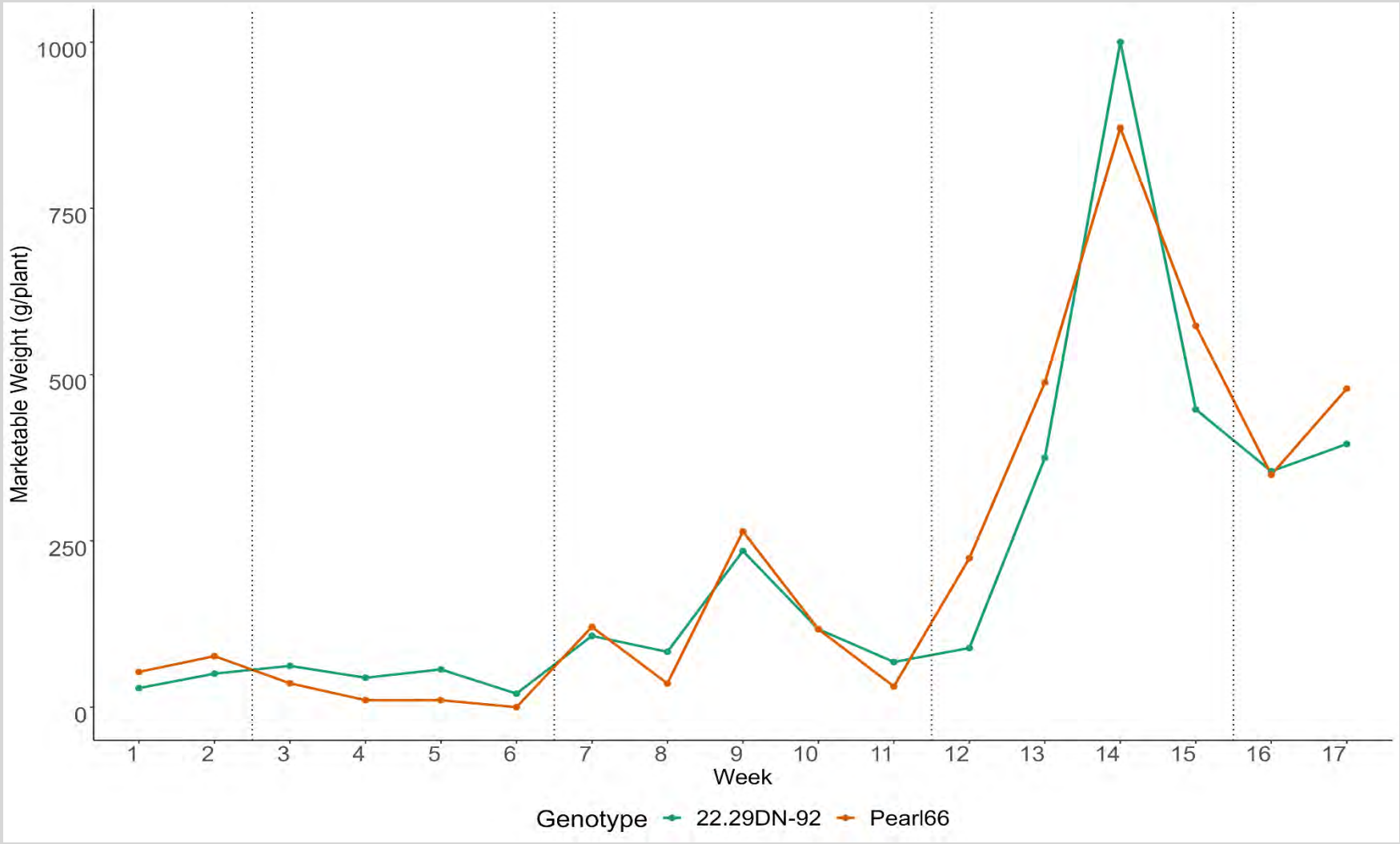
Marketable Yield



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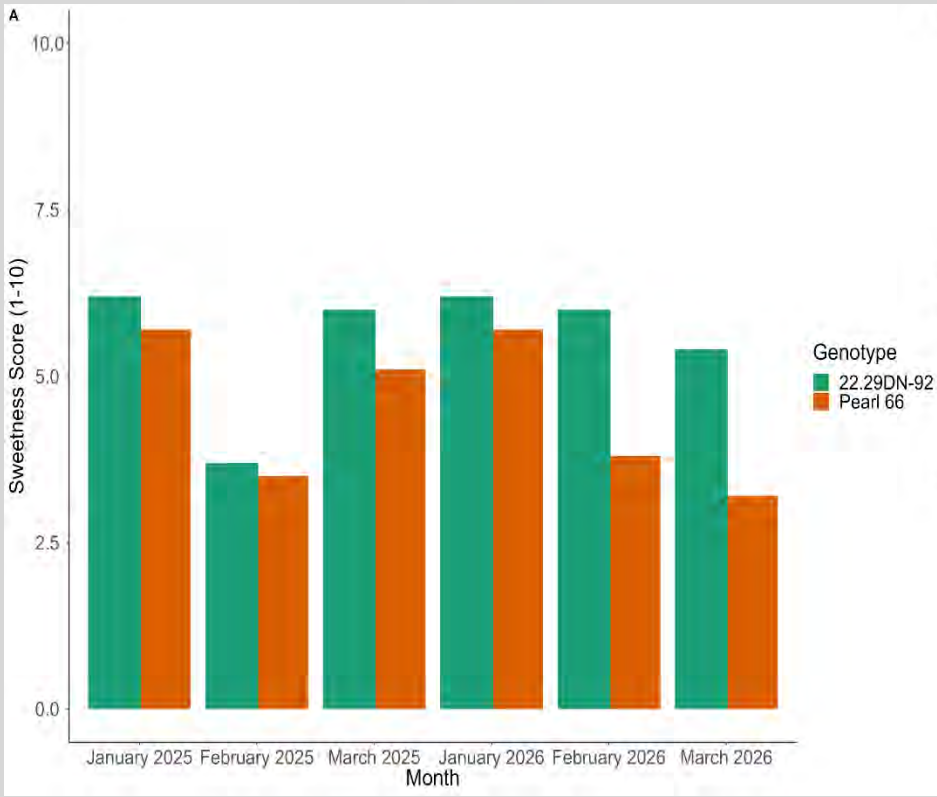
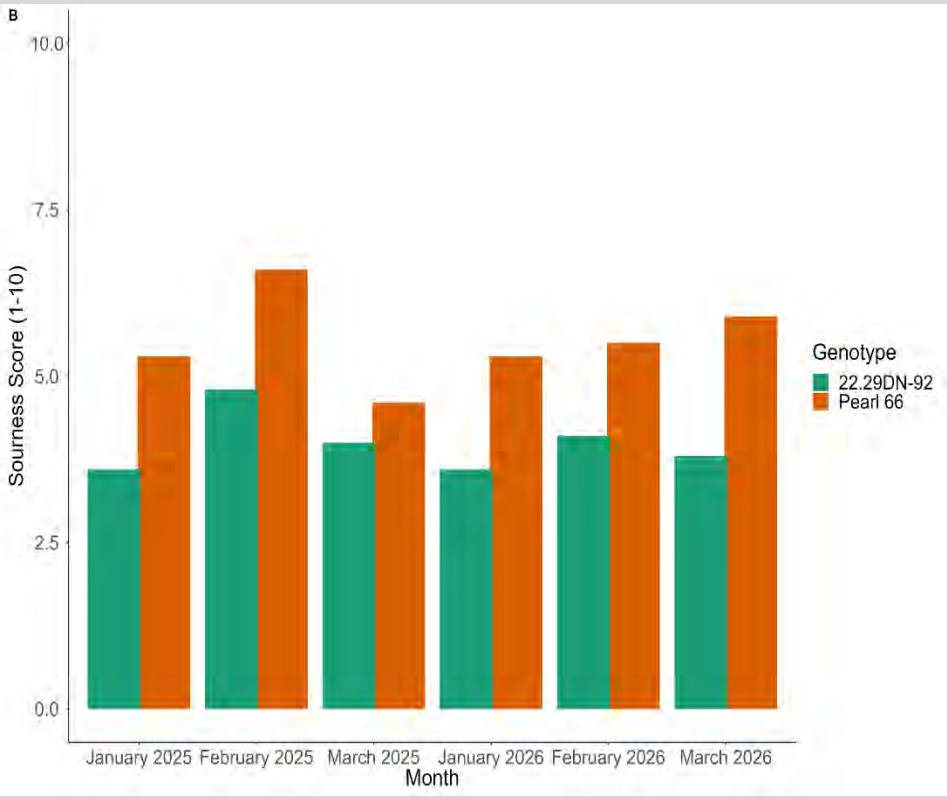
Trained Sensory Panels





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Disease Overview

Disease	Brilliance	Medallion	Pearl 66	22.29DN-92
Anthracnose fruit rot	MR	HS	R	S
Botrytis fruit rot	S	S	MS	MR
Charcoal rot	MR	HS	R	HS
Colletotrichum crown rot	MS	MR	R	S
Neopestalotiopsis sp.	HS	S	MS	MS
Phytophthora crown rot	MS	MS	MR	MR
Powdery mildew	R	S	MR	MR

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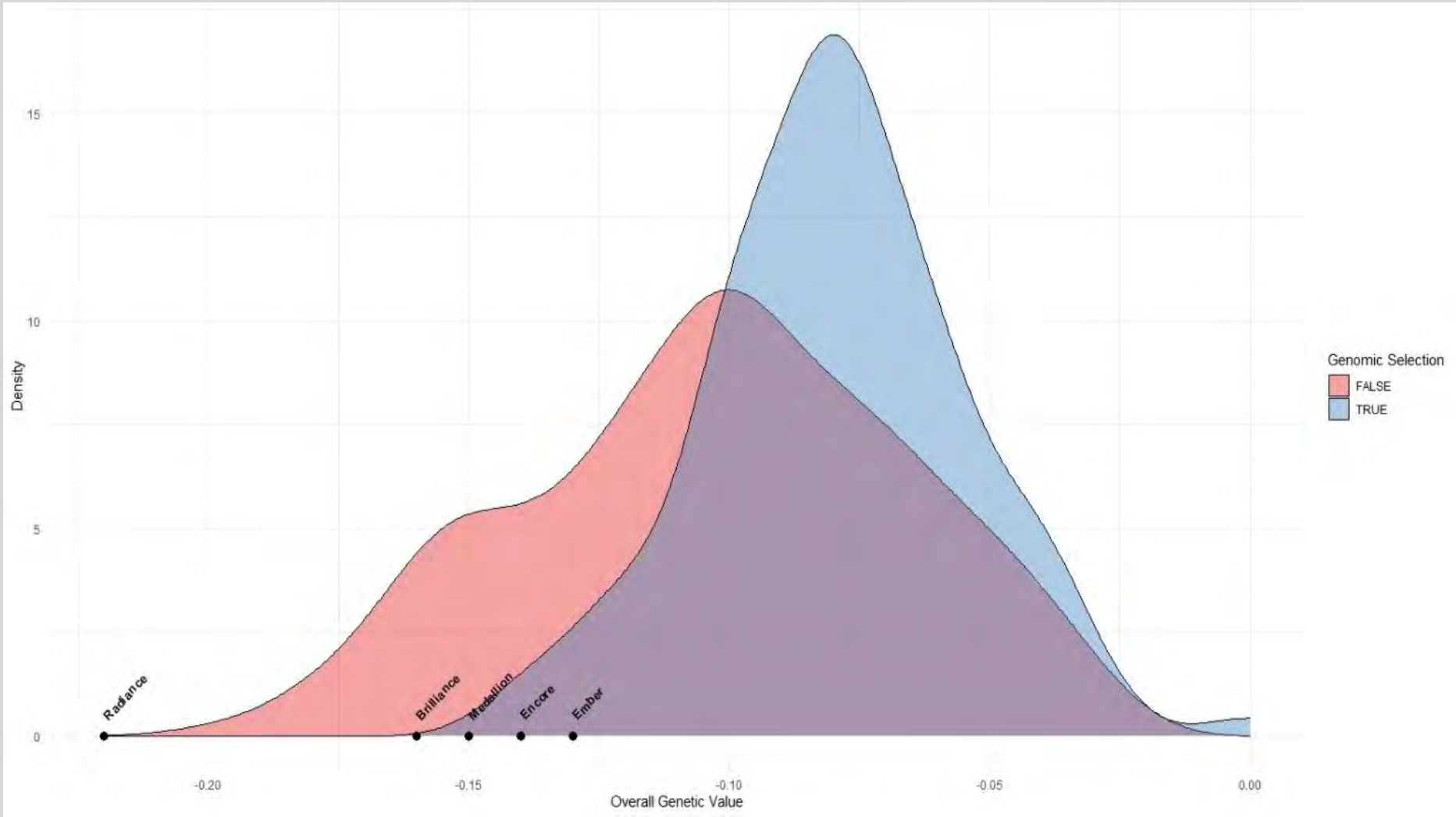
Breeding Progress . . .



Acknowledgments

Strawberry Breeding Laboratory
Strawberry Genomics Laboratory